

10/804822

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FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH, LIFESCI' ENTERED AT 16:38:29 ON 09 MAY 2007

L1 144 S PODOCALYXIN-LIKE(3A) (PROTEIN OR POLYPEPTIDE)
 L2 74 S PODXL
 L3 197 S L1 OR L2
 L4 4956 S HUMAN(W) (EMBRYONIC(W) STEM OR ES) (W) CELL
 L5 5 S L3 AND L4
 L6 5 DUP REM L5 (0 DUPLICATES REMOVED)

=> d au ti so pi 1-5 l6

L6 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
 IN Lim, Sai Kiang; Lye, Elias
 TI Induction of the development of mesenchymal stem cells from embryonic stem cells in serum-free culture
 SO PCT Int. Appl., 150pp.
 CODEN: PIXXD2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007027156	A1	20070308	WO 2006-SG232	20060815
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

L6 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
 IN Stanton, Lawrence W.; Brandenberger, Ralph; Brunette, Elisa; Gold, Joseph D.; Irving, John M.; Mandalam, Ramkumar; Mok, Michael; Powell, Sandra E.
 TI Standardization of growth conditions and marker system for human embryonic stem cells intended for use in regenerative medicine
 SO U.S. Pat. Appl. Publ., 22 pp., Cont.-in-part of Appl. No. PCT/EP04/002808.
 CODEN: USXXCO

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2006134636	A1	20060622	US 2004-804822	20040319
US 2003224411	A1	20031204	US 2003-388578	20030313
US 2004180347	A1	20040916	US 2003-389431	20030313
US 7153650	B2	20061226		
WO 2004083406	A2	20040930	WO 2004-US8883	20040313
WO 2004083406	A3	20050331		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

WO 2004080146 A2 20040923 WO 2004-EP2808 20040315
WO 2004080146 A3 20050909

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
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SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
TD, TG

L6 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
AU Luo, Yongquan; Schwartz, Catherine; Shin, Soojung; Zeng, Xianmin; Chen,
Nong; Wang, Yue; Yu, Xiang; Rao, Mahendra S.
TI A focused microarray to assess dopaminergic and glial cell differentiation
from fetal tissue or embryonic stem cells
SO Stem Cells (Durham, NC, United States) (2006); 24(4), 865-875
CODEN: STCEEJ; ISSN: 1066-5099

L6 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
IN Stanton, Lawrence W.; Brandenberger, Ralph; Gold, Joseph D.; Irving, John
M.; Mandalam, Ramkumar; Mok, Michael
TI Marker system for preparing and characterizing high-quality human
embryonic stem cells for human therapy
SO U.S. Pat. Appl. Publ., 57 pp.
CODEN: USXXCO

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004180347	A1	20040916	US 2003-389431	20030313
US 7153650	B2	20061226		
WO 2004080146	A2	20040923	WO 2004-EP2808	20040315
WO 2004080146	A3	20050909		

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TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
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SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
TD, TG

US 2006134636 A1 20060622 US 2004-804822 20040319

L6 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
IN Stanton, Lawrence W.; Brandenberger, Ralph; Gold, Joseph D.; Irving, John
M.; Mandalam, Ramkumar; Mok, Michael; Shelton, Dawne
TI Genes that are up- or down-regulated during differentiation of
human embryonic stem cells
SO U.S. Pat. Appl. Publ., 106 pp.
CODEN: USXXCO

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003224411	A1	20031204	US 2003-388578	20030313
WO 2004083406	A2	20040930	WO 2004-US8883	20040313
WO 2004083406	A3	20050331		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
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NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
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SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
TD, TG

EP 1608738	A2	20051228	EP 2004-757690	20040313
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GB 2415781	A	20060104	GB 2005-20847	20040313
US 2006134636	A1	20060622	US 2004-804822	20040319

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Search Results -

Terms	Documents
L5 and L7	1

Database:

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 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
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<u>L9</u>	15 and 17	1	<u>L9</u>
<u>L8</u>	16 and 17	7	<u>L8</u>
<u>L7</u>	differentia\$	528344	<u>L7</u>
<u>L6</u>	13 and 14	19	<u>L6</u>
<u>L5</u>	13 with 14	3	<u>L5</u>
<u>L4</u>	human adj (embryonic adj stem or es) near3 cell	1164	<u>L4</u>
<u>L3</u>	11 or L2	67	<u>L3</u>
<u>L2</u>	podxl	44	<u>L2</u>
<u>L1</u>	podocalyxin-like adj (protein or polypeptide)	44	<u>L1</u>

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- ☐ 1. [20070010012](#). 20 Jun 06. 11 Jan 07. Differentiation of primate pluripotent stem cells to cardiomyocyte-lineage cells. Gold; Joseph D., et al. 435/366; C12N5/08 20060101
-
- ☐ 2. [20060182724](#). 14 Feb 06. 17 Aug 06. Method for expansion of stem cells. Riordan; Neil H.. 424/93.7; 435/368 435/372 A61K35/14 20060101 C12N5/08 20060101
-
- ☐ 3. [20040180347](#). 13 Mar 03. 16 Sep 04. Marker system for preparing and characterizing high-quality human embryonic stem cells. Stanton, Lawrence W., et al. 435/6; 435/7.2 C12Q001/68 G01N033/53 G01N033/567.
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Terms	Documents
L3 with L4	3

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- ☐ 1. [20060134636](#). 19 Mar 04. 22 Jun 06. Standardization of growth conditions for human embryonic stem cells intended for use in regenerative medicine. Stanton; Lawrence W., et al. 435/6; 435/366 435/7.2 C12N5/08 20060101 C12Q1/68 20060101 G01N33/53 20060101 G01N33/567 20060101
-
- ☐ 2. [20050164385](#). 24 Sep 04. 28 Jul 05. Embryonic stem cells having genetic modifications. Gold, Joseph D., et al. 435/368; 435/370 C12N005/08.
-
- ☐ 3. [20050095707](#). 10 Dec 04. 05 May 05. Use of cyclic AMP and ascorbic acid to produce dopaminergic neurons from embryonic stem cells. Carpenter, Malissa K., et al. 435/368; C12N005/08.
-
- ☐ 4. [20050042749](#). 21 Jun 04. 24 Feb 05. Dopaminergic neurons and proliferation-competent precursor cells for treating Parkinson's disease. Carpenter, Melissa K., et al. 435/368; C12N005/08.
-
- ☐ 5. [20040180347](#). 13 Mar 03. 16 Sep 04. Marker system for preparing and characterizing high-quality human embryonic stem cells. Stanton, Lawrence W., et al. 435/6; 435/7.2 C12Q001/68 G01N033/53 G01N033/567.
-
- ☐ 6. [20030224411](#). 13 Mar 03. 04 Dec 03. Genes that are up- or down-regulated during differentiation of human embryonic stem cells. Stanton, Lawrence W., et al. 435/6; 435/366 435/7.2 C12Q001/68 G01N033/53 G01N033/567 C12N005/08.
-
- ☐ 7. [7153650](#). 13 Mar 03; 26 Dec 06. Marker system for preparing and characterizing high-quality human embryonic stem cells. Stanton; Lawrence W., et al. 435/4; 435/6 435/7.1. C12N5/00 20060101 C12N5/02 20060101 C12Q1/00 20060101 C12Q1/68 20060101 G01N33/53 20060101 .
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